The terrible twos...

We are starting on our second year this month! What new things will you see? What new errors will we invent and propagate? With the luck of the Californians, you will be with us through the next year's fiasco! But I'd like to mention that without the support of those like Bill Sias of Color Computer News, Lonnie Falk of the Rainbow, our many program authors, Arnold Pouch (MPP), Greg Wilson (an Australian connection), and Ralph



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McElroy (CLOAD) who got us started, we would still be sane... July 1982

Filename	English Translation	PMODE	PCLEAR	Locations		
GEOCOV	Geo Art Cover	4	4	7 & 154		
STARMAP	Star Map	4	(4)	33 & 173		
TICKER	Ticker	(2)	(4)	60 & 194		
ROCKS	Rocks	(2)	(4)	83 & 211		
NOTES	Learn Notes	(2)	(4)	104 & 228		
MUSICK	Mu-Sick	(2)	(4)	126 & 246		
MENU	Menu (disk only)	(2)	(4)	139 & 256		

Locations are for the R/S CTR-80. If the first copy of a program won't load, try the second. If neither copy loads, return the tape for disciplining and a prompt replacement. If you get an OM, FC, or SN error while loading or running a program, you probably have to enter the PMODE and PCLEAR values for the program directly from the keyboard. (Values in parenthesis are not set in the program). * These programs may use high speed. Be sure that the computer is slowed down again before doing I/O to tape (POKE 65494,0).

Pretty geometric patterns are created on the screen with Geo Art Cover.

Just in time to miss the lunar eclipse: Star Map! You enter the date, the time, your latitude, and the direction you are facing (in degrees from north), and the night sky is drawn on the screen. If you give it a daylight time, the sun will be shown in its position in the sky. If the moon is in the sky, it will appear as a slightly larger star (it will be placed in the sky first), and its phase will be shown in the upper left hand corner of the screen. You can isolate one of the 42 constellations and have its position in the sky Shown. Note — some of the constellations (like Pisces) are in the constellation list, but the stars that make up the constellation have not been added, so it is not displayed. You can change the stars in a constellation and add stars to constellations (know the declination and right ascension). Also, you can save the star list to tape (or have it shown on the screen).

More on the stars - Once a Star Map is drawn, you can get back to the menu by hitting any key. The map is drawn so you can take your TV, hold it over your head, and the sky above you should be similar in appearance to the screen (try it, your neighbors will love it). The star data is stored AFTER the BASIC program by moving the end of program pointer and POKEing the data in the vacant space. If you add data to the program, be sure to save it to tape (with the OUPUT menu option) before playing with it just in case the pointer gets confused and your mods get lost. When you are asked to enter the 'Facing Direction', answer with the degrees from north that the observer is facing. If your computer can take the high speed POKE, you can add 'POKE 65495,0:' to the beginning of line 440.

Give a message to the world - Ticker takes your words and scrolls them vertically up the

screen in LARGE block letters. First, you choose how wide and how high you want each letter. Second, you choose how fast you wish the letters to scroll by (10 is pretty fast). Third, you give the ASCII value of the character that makes up the large letters (ie: if you want the block letters made of blue squares, choose ASCII value 175). A list of the ASCII value is given if you ask for help. Finally, you type in your message and away you scroll! Note-your message can NOT contain lower case letters.

People who live in glass spaceships shouldn't throw stones - but they can shoot asteroids! Rocks is a fun BASIC version of the arcade game.

Perk up your ears! You are about to Learn Notes! Then when you are asked to tune your guitar to middle C, you have a better than even chance of succeeding...

If you are just interested in listening to music (rather than learning it), there's Musick! Musick takes a bunch of notes and strings them together to make some sort of composition. The notes may seem to be random, but they follow a strict set of rules guaranteed to drive you to punk rock.

For the disk users among you, here's Menu. Menu allows you to easily delete files, run programs, rename programs, etc. There is one thing I should mention, however. If you are using the Exatron disk system, this program will not work. There is a command called DSKI\$ in the Radio Shack Color Computer DOS that goes out and reads a sector from the disk. This command is not in the Exatron system (it appears as an exclamation point in the program instead). I have heard that Exatron is working on a DOS that is more compatible to the RS one. This does not mean that the RS one is better (Exatron did NOT use 2K of RAM like Tandy did). But since the Radio Shack DOS is the standard, other disk systems kinda hafta conform to their format.

I wish the word processor would correct my errors...

Please look carefully at the RAINBOW ad in these pages this month. The prices are correct. I'm sorry, Lonnie, but I put in an old ad last month and caused you and some of your new subscibers a bit of problems. P.S. I'll learn to leave the 'u' out of your last name if you'll learn to leave it out of mine...

Also, the SAVE routine given for <u>Space Ace</u> last month was numbered wrong! The lines should have been numbered 5, 10, 20, 30, 40 (instead of 10, 20, 30, 40, 50).

Finally (I hope), the mod given last month for Notebook had 'I=I-KC' at the end of line 30. It should have been 'I=I+KC'.

Speaking of Notebook (weren't we?)...

The 'Find Character' command in May's Notebook would not find numbers, punctuation, or lower case. Michael Kromeke of Albuquerque, New Mexico fixed it:

Change 'CLEAR 100' to 'CLEAR 50' in line 5.

Change line 68 to 'KB=159:GOSUB35:KB=128:I=ASC(I\$):IFI<KA THENI=I+KC ELSE IFI>32ANDI<64THENI=I+64ELSEIFI>96ANDI<123THENI=I-96

A Programmer Reminder...

You MUST have a space in a program line where a keyword (PRINT, THEN, GOTO, etc.) follows a variable or you can run into trouble. For example, in line 68 above, there is a space between the 'KA' and the 'THEN' and a space between the 'KC' and the 'ELSE'.

Just a short pause...

A couple of more bugs (worse than fleas) were found in February's Check Register. H. D. Johnson, Jr. of Decatur, Georgia suggests replacing the colon (:) in line 9040 with 'ELSE' to give a correct balance for deposits. And to correctly insert a deposit, you should change line 4120 to say '4120 IF J=3 THEN 8565 ELSE 4080'.

We have a LOT of trouble with losing the directories on our disks (and so losing the data on the disk). We have found that this is mostly due to the NON-PLATED edge connector on the DOS ROM Pack (I hope Tandy hears this). We have to remove the ROM Pack often to test programs and the connector gets corroded very easily. So the "Disk Doctor" was a godsend! This program allowed us to retrieve 'crashed' disks and create new directories easily! Hoo! It is available from Superior Graphic Software (\$49.95 - 406 Little Mountain Road, Waynesville, NC 28786 - 704-452-4673). Note - it comes with excellent documentation and bad disk to practice on.

I have over 40 T-shirts (I only have to do laundry once a month!). But I didn't have a Chromasette T-shirt. Well, now I do! It has the Chromasette logo in rainbow colors across the front, a little green CLOAD logo under the 'C' in Chromasette, and a blue Chromasette cassette on the sleeve. We are not in the T-shirt business, but we liked the shirts so much that we decided to offer them to you on an as-ordered basis. We will accept orders (no COD's, however) through August 15th, 1982. Then we will have the shirts made all at once and send them to you. You should receive your shirt sometime in the beginning of September. the order blank found somewhere in these sheets. Notes: The men's long and short sleeve styles are 100% cotton while the women's french cut style is 50% cotton, 50% polyester (no cassette on the sleeve). All shirts are high quality (would I wear anything else?).

Keep the alligator off me!!!!...

De-Izoding, Jave



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tended BASIC required. 16K Tape, \$19.95

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in this new and exciting version of the popular arcade game, use your joysticks to move your Ghost Gobbler through the maze, eating dots and power pills to score points. 8 bonus shapes, super sound, and 16 skill levels. Extended BASIC not required; joysticks.

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16K Tape, \$21.95



By Fred Scerbo from Illustrated Memory Banks Create your own antagonist, and fire away! Pick your pet target, or use ours: tv sets, killer tomatoes or smiley faces. Use the joystick to fire your cannon and clear the screen. Look out for the secret target defender! Extended BASIC and one joystick required. 16K Tape, \$18.95

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Classic adventure game with 200 rooms, assorted friendly and dangerous creatures, 8 magic spells and -of course-treasures. The computer obeys twoword commands such as "get lamp" to move you through your journey. You must enter the castle of King Minos, descend into the labyrinth and collect all

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Color Computer Blockade

By Terry Kepner from Interpro

Compete against a friend or the computer in this realtime, full color arcade came with sound effects. Use your joysticks to draw a barrier around your opponent while avoiding the trap being set for you. Requires iovsticks.

avei I 4K/16K or Level II with Extended BASIC

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Revenge on the Preppies at last!! The Preppy Craze has gotten completely out of control You must journey to the planet "Preptune" to stop the 'gators from invading earth in assorted garment forms. Use your shirt shields and lasers to protect you as you aim the crosshairs and press the fire button on your Joystick. Get the gators before they get your shirts! 3 levels of difficulty. Extended BASIC required, lovaticka

16K Tape, \$18.95

Moon Lander 🗸



By Greg Zumwalt from American Small **Business Computers**

Pilot your spacecraft over the moon's landscape and try to land it amid the mountains and craters. While carefully controlling your fuel consumption, use your joysticks to maneuver your craft and control your velocity against the forces of gravity. Be careful to avoid the asteroids drifting through space.

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Can you dodge the never ending horde of robots while avoiding the fatal touch of the Android? Realistic voices and 16 skill levels provide a tre dous arcade type challenge. Does not require Extended BASIC, joysticks.

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Color Comp



Are you tired of searching the latest magazine for articles about your new Color Computer? When was the last time you saw a great sounding program listing only to discover that it's for the Model I and it's too complex to translate? Do you feel that you are all alone in a sea of Z-80's? On finding an ad for a Color

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